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THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): CUBERES ALTISEN et al.  
SERIAL NO.: 10/804,695 ART UNIT:  
FILING DATE: 3/19/04 EXAMINER:  
TITLE: NEW SUBSTITUTED PYRAZOLINE DERIVATIVES  
ATTORNEY  
DOCKET NO.: 785-011732-US (PAR)

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
(37 C.F.R. §1.97(b)(3))

Sir:

This information disclosure statement is being filed before the mailing of a first Office Action on the merits.

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application. Applicants' Attorney is aware of the following patents:

WO 00/76503 A1

"Health Aspects of Cannabis", Leo E. Hollister, Pharmacological  
Reviews, 38, 1986, 1-20

"Chemistry and Pharmacology of cannabis", Renu Seth, et al.,  
Prog-Drug-Res., 1991, Vol. 36, p. 71-115

"Potential Role of Cannabinoids for Therapy of Neurological Disorders", Dewey, W. L., et al., Neurobiology and Neurophysiology, 1992, 459-524

"New Way for the Preparation of 4-Phenyl-2-Oxobutyric Acid Ethyl Ester", V. Slavinska, et al., Synthetic Communications, 26 (11), 2229-2233 (1996)

"A Straightforward Route to *E*- $\gamma$ -Aryl- $\alpha$ -oxobutenoic Esters by One-step Acid-catalysed Crotonisation of Pyruvates", Gilles Dujardin, et al., Synlett 2001, No. 1, 147-149

"Synthese des 5-[(Acetylhydrazono)-(4-chlorphenyl)-methyl]thiophen-2-yl-esters der Trifluoromethansulfonsäure", Alfons Pascual, J. Prakt. Chem. 1999, 341, No. 7, 695-699

"Regioselective Friedel-Crafts Acylation With Unsymmetrically Substituted Furandicarboxylic Acid Anhydride and Furan Acid Chloride: Syntheses of 4-Substituted 3-Arylcarbonyl-2-Phenylfuran and 3-Substituted 4-Arylcarbonyl-2-Phenylfuran", Shrong-Shi Lin, et al., Heterocycles, Vol. 55, No. 2, 2001, 265-277

"Friedel-Crafts Acylations with Little or No Catalyst", D.E. Pearson, et al., Synthesis, 1972, 533-542

"Rational Synthesis of Porphyrins Bearing up to Four Different Meso Substituents", Polisetti Dharma Rao, et al., J. Org. Chem. 2000, 65, 7323-7344

"Pharmacological Effects of Hoe 249: A New Potential Antidepressant", Hans Georg Alpermann, et al., Drug Development Research 25:267-282 (1992)

"Anticonvulsive Properties of Cinnarizine and Flunarizine in Rats and Mice", L.K.C. Desmedt, et al., Arzneim-Forsch. (Drug Res.) 25, Nr. 9 (1975)1408-1413

"In Vivo Characterization of a Specific Cannabinoid Receptor Antagonist (SR141716A): Inhibition of  $\Delta^9$ -Tetrahydrocannabinol-Induced Responses and Apparent Agonist Activity", David R. Compton, et al., The Journal of Pharmacology and Experimental Therapeutics, Vol. 277, No. 2, 586-594

"The Evaluation of The Analgesic Action of Pethidine Hydrochloride (Demerol)", G. Woolfe, et al., J. Pharm. Exp. Ther., 80, 300-307 (1.944), 300-307

"International Union of Pharmacology. XXVII. Classification of Cannabinoid Receptors", A.C. Howlett, et al., Pharmacological Reviews, Vol. 54, No. 2, 2002, 161-202

"Agonist-inverse agonist characterization at CB<sub>1</sub> and CB<sub>2</sub> cannabinoid receptors of L759633, L759656 and AM630", Ruth A. Ross, et al., British Journal of Pharmacology (1999) 126, 665-672

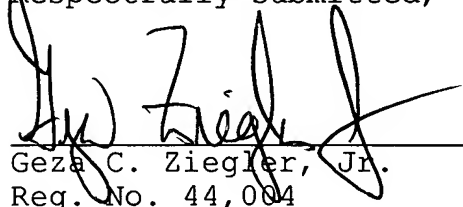
"One-Pot Synthesis of Trifluoroacetimidoyl Halides", Kenji Tamura, et al., J. Org. Chem. 1993, 58, 32-38

Copies of these patents are enclosed together with a Form PTO-1449.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Information Disclosure Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)).

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

  
Geza C. Ziegler, Jr.  
Reg. No. 44,004

13 October 2004  
Date

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#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope address to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449) (Substitute)			Docket No.: 785-011732-US (PAR)		Serial No.: 10/804,695	
			Applicant(s): CUBERES ALTISEN et al.		Group:	
			Filing Date: 3/19/04			
<b>U.S. PATENTS</b>						
Initials	Patent Number		Name	Class	Sub-class	Filing date
<b>U.S. PATENT PUBLICATIONS</b>						
Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date
<b>FOREIGN PATENT DOCUMENTS</b>						
Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a	
	WO 00/76503 A1	12/21/00	PCT	TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	N/A	
<b>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</b>						
	"Health Aspects of Cannabis", Leo E. Hollister, Pharmacological Reviews, 38, 1986, 1-20					
	"Chemistry and Pharmacology of cannabis", Renu Seth, et al., Prog-Drug-Res., 1991, Vol. 36, p. 71-115					
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	"A Straightforward Route to <i>E</i> - $\gamma$ -Aryl- $\alpha$ -oxobutenoic Esters by One-step Acid-catalysed Crotonisation of Pyruvates", Gilles Dujardin, et al., Synlett 2001, No. 1, 147-149					
	"Synthese des 5-[(Acetylhydrazono)-(4-chlorphenyl)-methyl]thiophen-2-yl-esters der Trifluoromethansulfonsaure", Alfons Pascual, J. Prakt. Chem. 1999, 341, No. 7, 695-699					
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Examiner's Signature:				Date Considered:		
Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered. Include a copy of this citation form with your next correspondence to the Applicant(s).						

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	"Friedel-Crafts Acylations with Little or No Catalyst", D.E. Pearson, et al., Synthesis, 1972, 533-542					
	"Rational Synthesis of Porphyrins Bearing up to Four Different Meso Substituents", Polisetti Dharma Rao, et al., J. Org. Chem. 2000, 65, 7323-7344					
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	"In Vivo Characterization of a Specific Cannabinoid Receptor Antagonist (SR141716A): Inhibition of $\Delta^9$ -Tetrahydrocannabinol-Induced Responses and Apparent Agonist Activity", David R. Compton, et al., The Journal of Pharmacology and Experimental Therapeutics, Vol. 277, No. 2, 586-594					
	"The Evaluation of The Analgesic Action of Pethidine Hydrochloride (Demerol)", G. Woolfe, et al., J. Pharm. Exp. Ther., 80, 300-307 (1.944), 300-307					
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